

# EXPEDITIONARY STRIKE GROUP FIVE



## SPAWAR-PEO-NETWARCOM-NDIA Industry Conference 10 November 2005

Statement A: Approved for public release; distribution is unlimited



# EXPEDITIONARY STRIKE GROUP FIVE



**ESG-5  
STAFF**



**COMPHIBRON 7  
STAFF**



**15<sup>TH</sup> MEU(SOC)**



**USS DULUTH**



**USS BONHOMME RICHARD**



**USS RUSHMORE**



**USS BUNKER HILL**



**USS MILIUS**



**USS THACH**



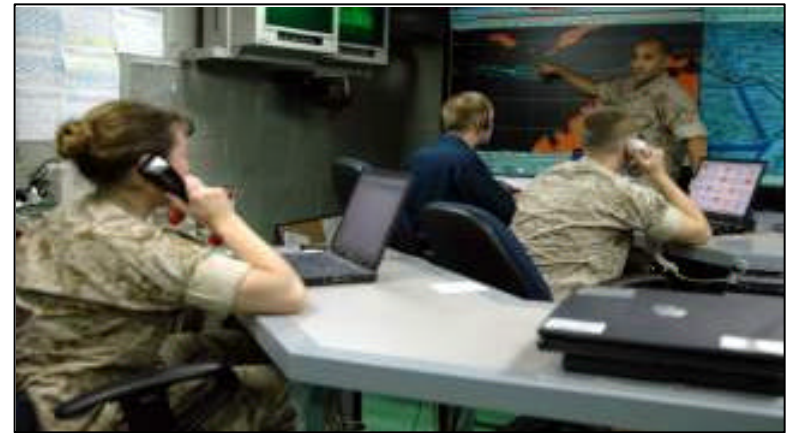
**USCGC MUNRO**



# **BONHOMME RICHARD ESG**

## **C5I Upgrades**

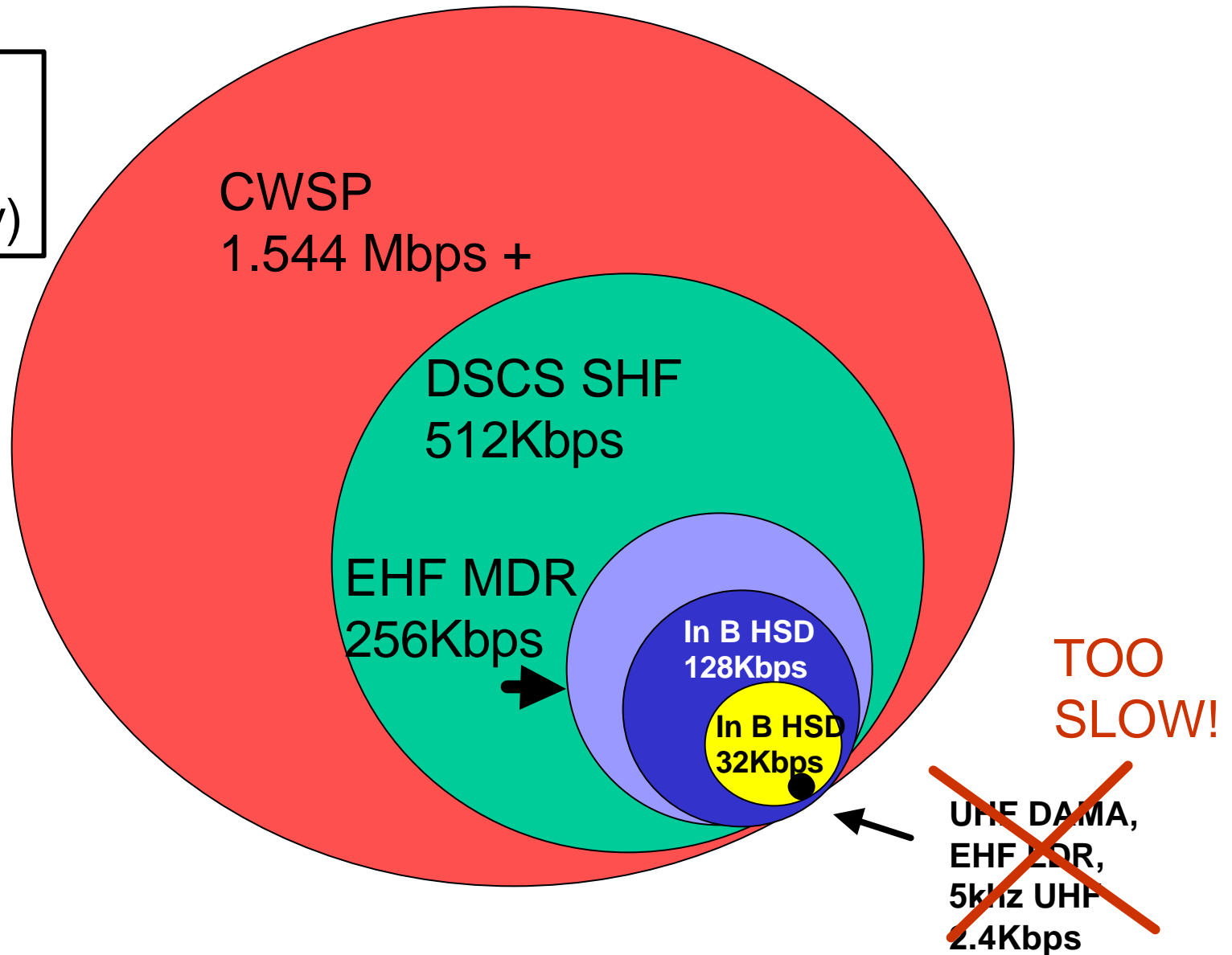
- **Joint Operations Center**
- **Expeditionary Warfare Operations Center**
- **Landing Force Operations Center (Modernization)**
- **Expeditionary Fires Coordination Center (EFCC)**
- **PC-MDS / TOMAHAWK COMMS (T-COMMS)**
- **Theater Battle Management Core System (TBMCS)**





# NETWORK FOUNDATIONS

GBS  
24 Mbps  
(Rcv only)





# “NETTED FORCE” OPERATIONS

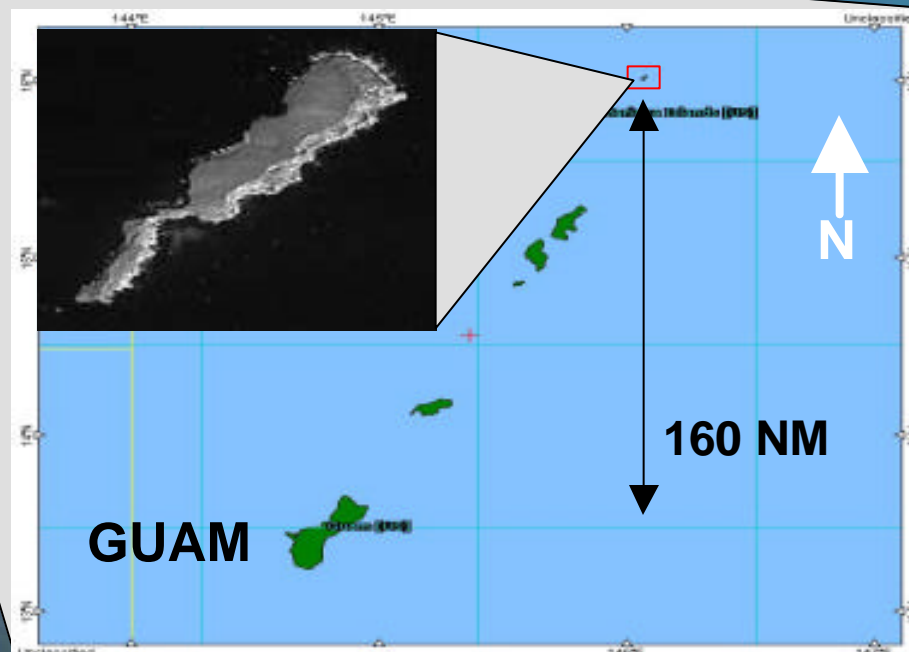




# EXPEDITIONARY FIRES EXERCISE

26 DEC 2004

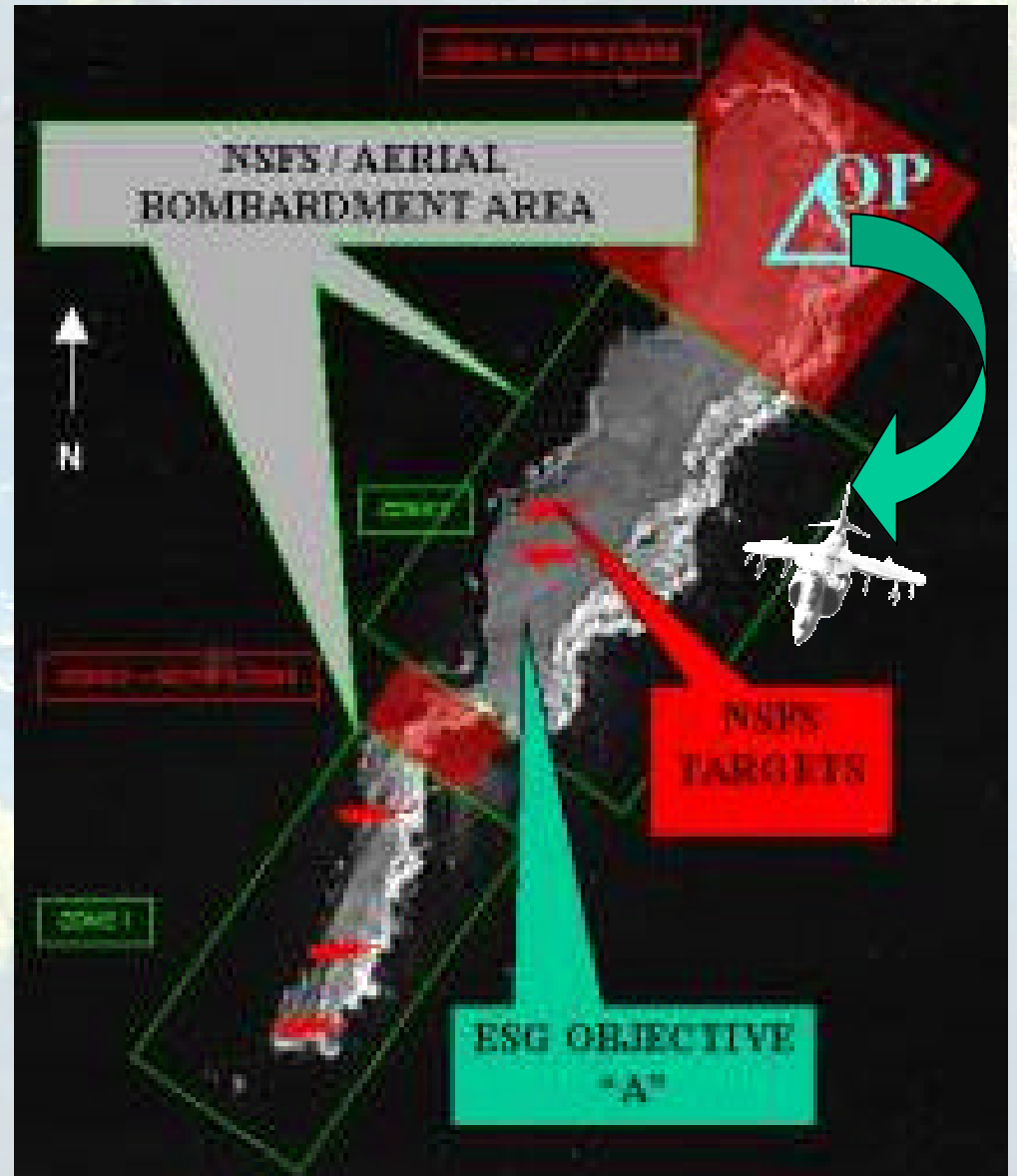
FARALLON DE  
MEDINILLA (FDM)  
ISLAND





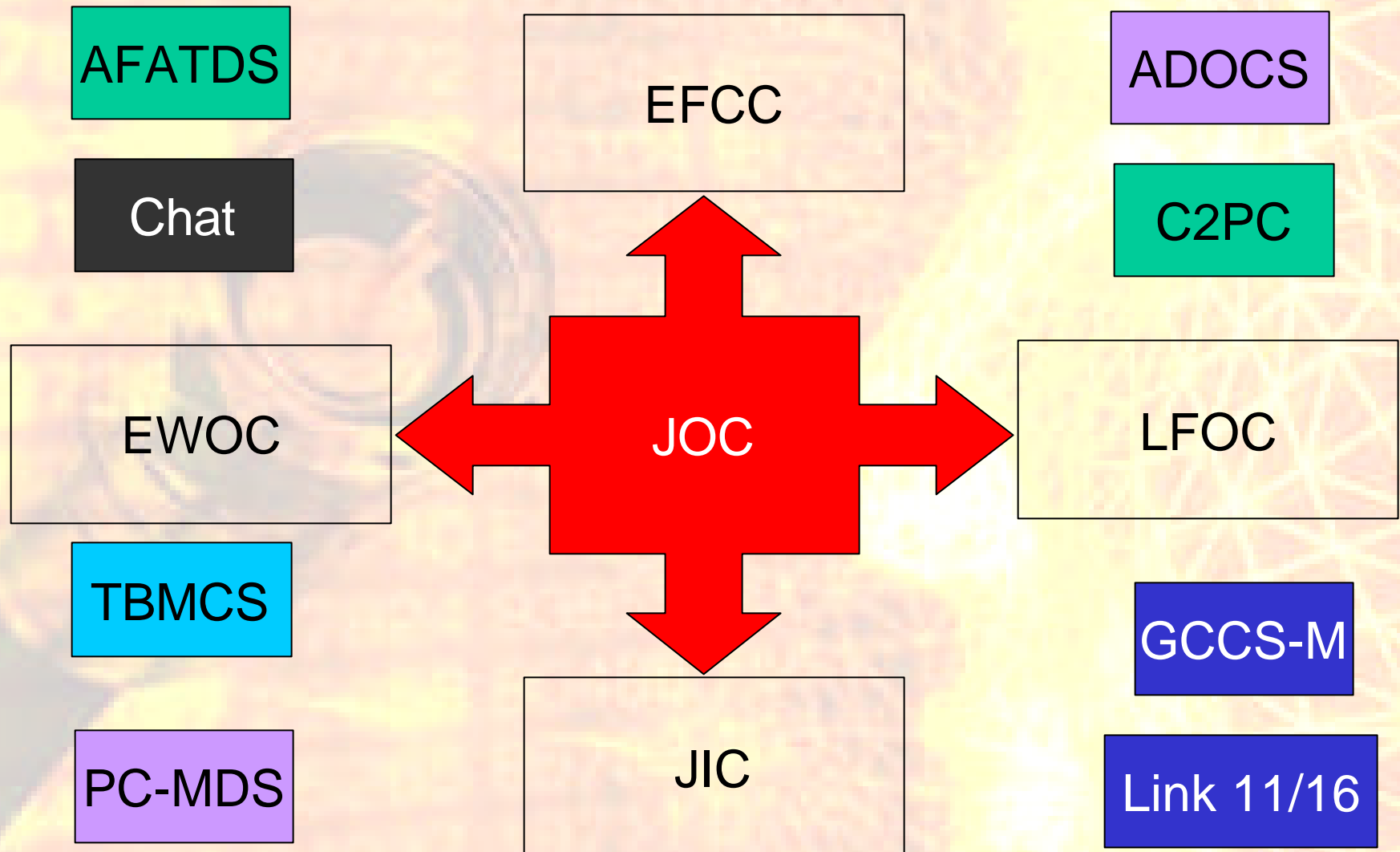
# FDM FIRES EXERCISE

- **Maintained Integrated NSFS and ACE Close-Air-Support Skills**
  - Preserved Perishable Skills!
- **Fires Controlled from Expeditionary Fires Coordination Center (EFCC) Onboard BONHOMME RICHARD**
- **Exploited success of Pre-Deployment FIRES Exercises**



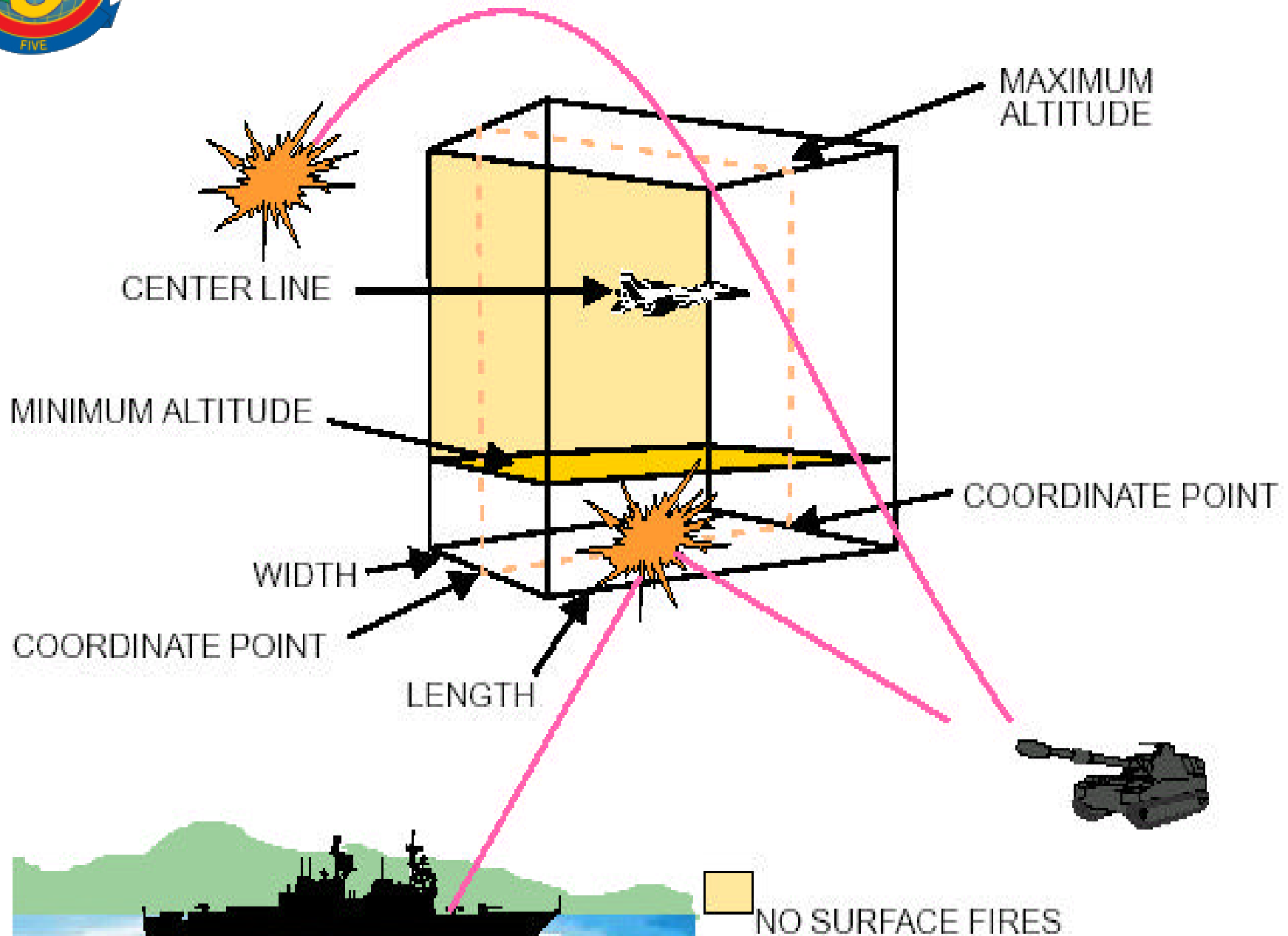


# A “NETTED” FORCE





# DIGITAL LINK / JOINT FIRES





GUAM



***Washington to ESG-5: "Make Best Speed!"***



**ACE**  
The helpful place.

**GUAM**

**SINGAPORE**

**DILI, EAST TIMOR**

**DARWIN,  
AUSTRALIA**

### Guam Onload:

- Arrived 28 Dec for 7 Hours Only!
  - Harvested All Available Commercial HA/DR Supplies
- Navy “Opened the Checkbook”
  - Spent \$50,600

***Washington to ESG-5: “Make Best Speed!”***



# OPERATION UNIFIED ASSISTANCE

## Significant Operational Reach!

- Led Efforts in Two Countries Simultaneously
  - 950 mile Span of Control (Indonesia to Sri Lanka)
  - Integrated Air / Surface Craft Operations

## Simultaneous Support to:

- Indonesian Authorities
- Coalition Partners
- NGO's



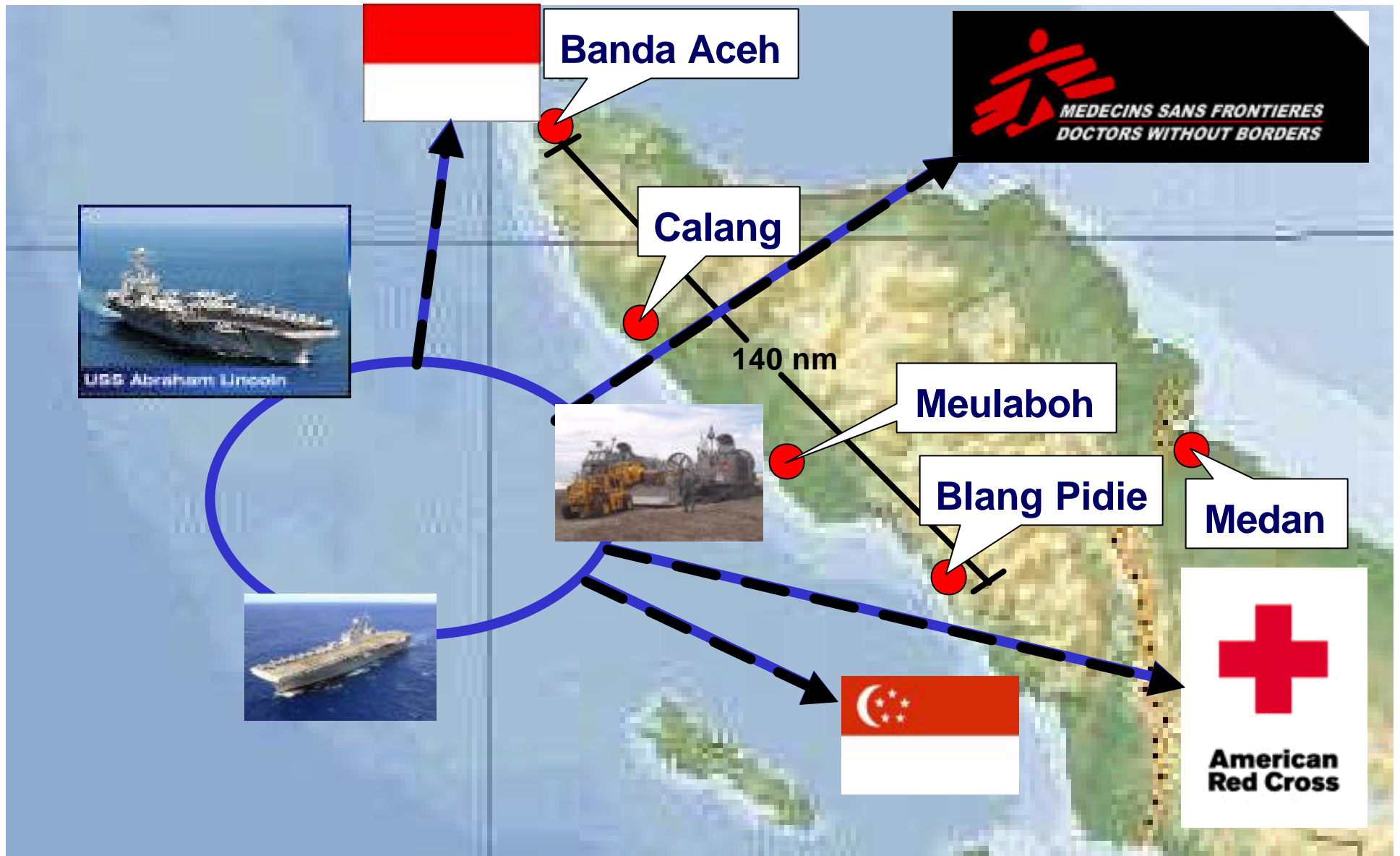


# ESG-5 BATTLESPACE





# NETWORK SEAMS





# SEA-BASED RELIEF

## Reduced Suffering...Saved Lives

### **Total Supplies Delivered:**

**2,155,000 lbs**

**105,050 lbs Medical Supplies**

### **433 Total Missions (Air and Surface)**

**7 LCAC Delivery Missions (232 Pallets)**

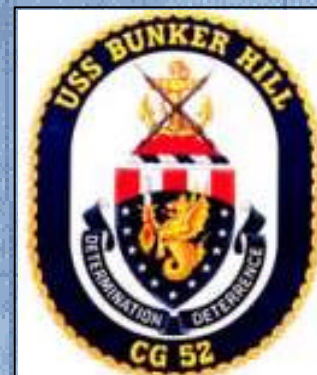
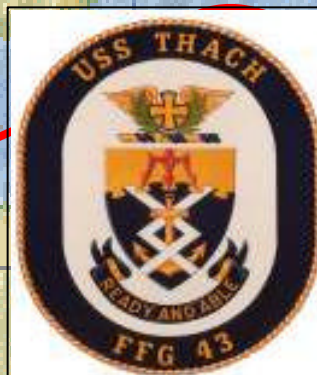
**14 LCU Delivery Missions**

### **33 Civilian Med-Evacs**

### **105 Dental Patients**

**125 Tooth Extractions**







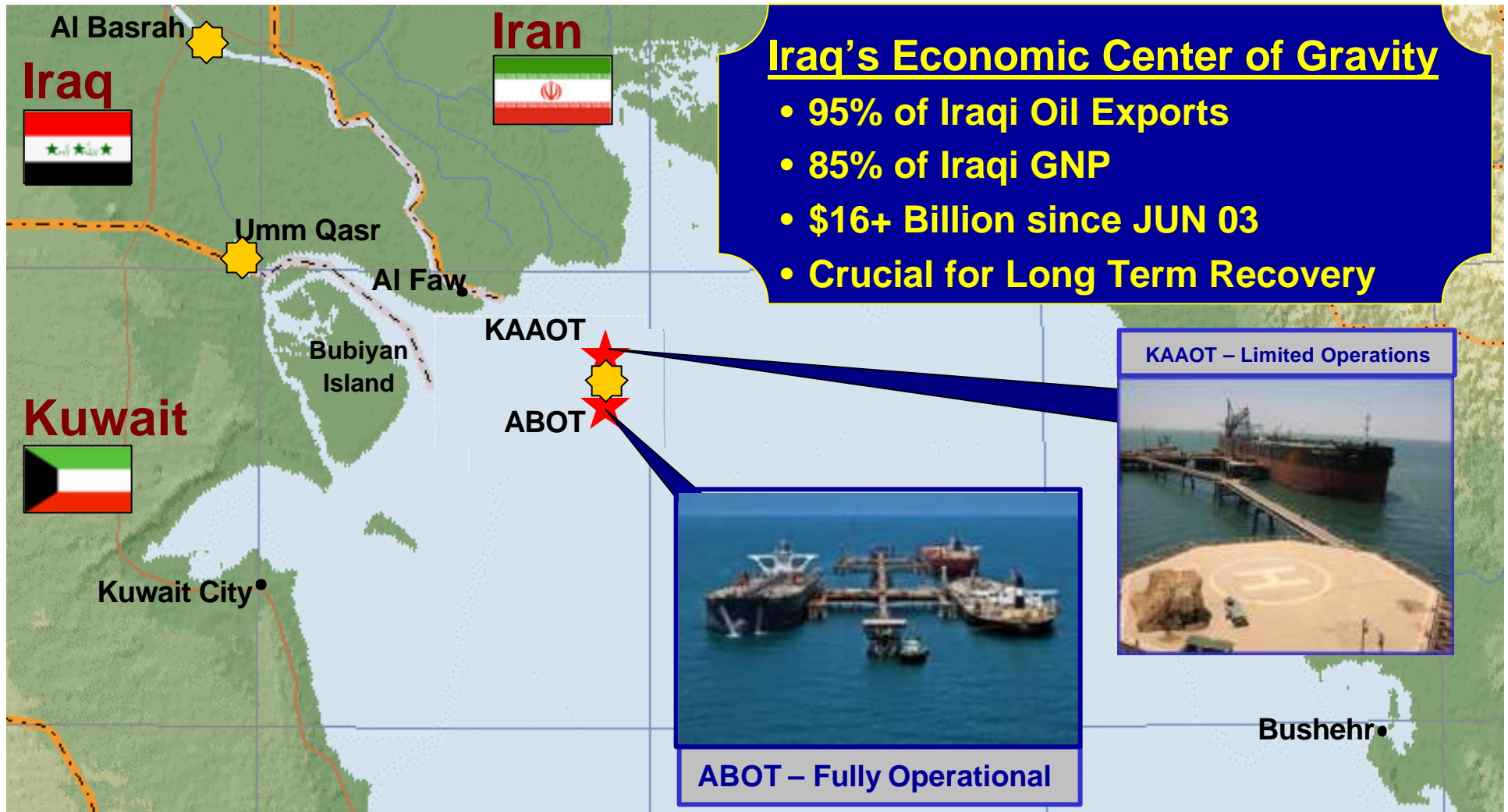
# MARITIME INTERDICTION

- **Expansive Battlespace**
  - Demands Speed, Flexibility, and Intense Coordination
- **Key Enablers & Skills:**
  - Fused Intelligence
  - Coalition Partnerships
  - Shared Comm Systems
  - Linguists





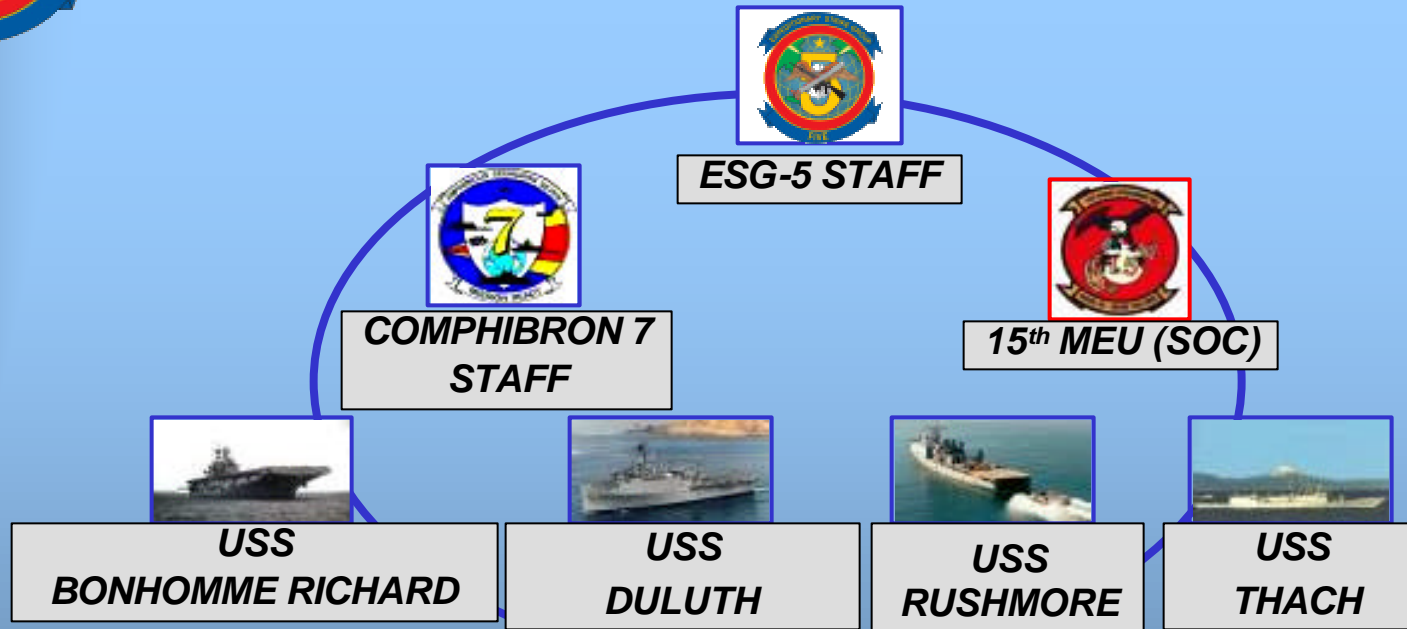
# STRATEGIC OVERVIEW



*Sustain the flow of oil by protecting key infrastructure and sea lanes.*



# TASK FORCE 58



**USCGC  
MONOMOY  
WRANGELL  
BARANOFF  
MAUI  
AQUIDNECK  
ADAK**



**HMS  
MARLBOROUGH**



**HMS ARGYLL**



**RSS  
RESOLUTION**



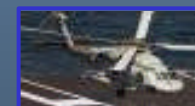
**HMAS  
DARWIN**



**MSD – 22  
MSD – 24**



**NSW PLATOON  
NSW RIB DET**



**HH-60 DET**

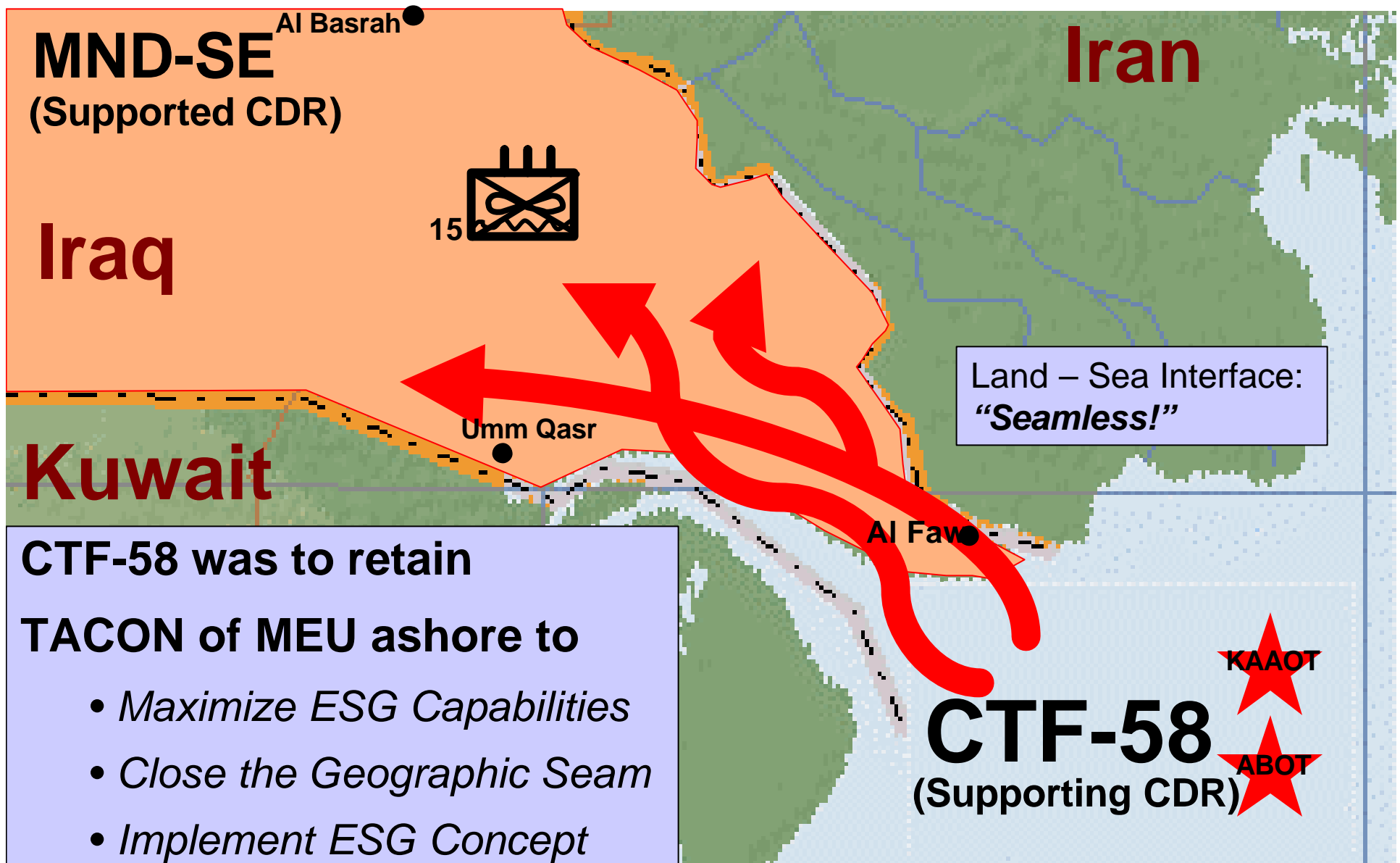


**USS  
SIROCCO  
TYPHOON  
FIREBOLT  
CHINOOK**

***“A Digital Divide!”***



# CLOSING THE SEAMS



**MND-SE**  
(Supported CDR)

**Iraq**

**Kuwait**

**CTF-58 was to retain  
TACON of MEU ashore to**

- *Maximize ESG Capabilities*
- *Close the Geographic Seam*
- *Implement ESG Concept*

**Iran**

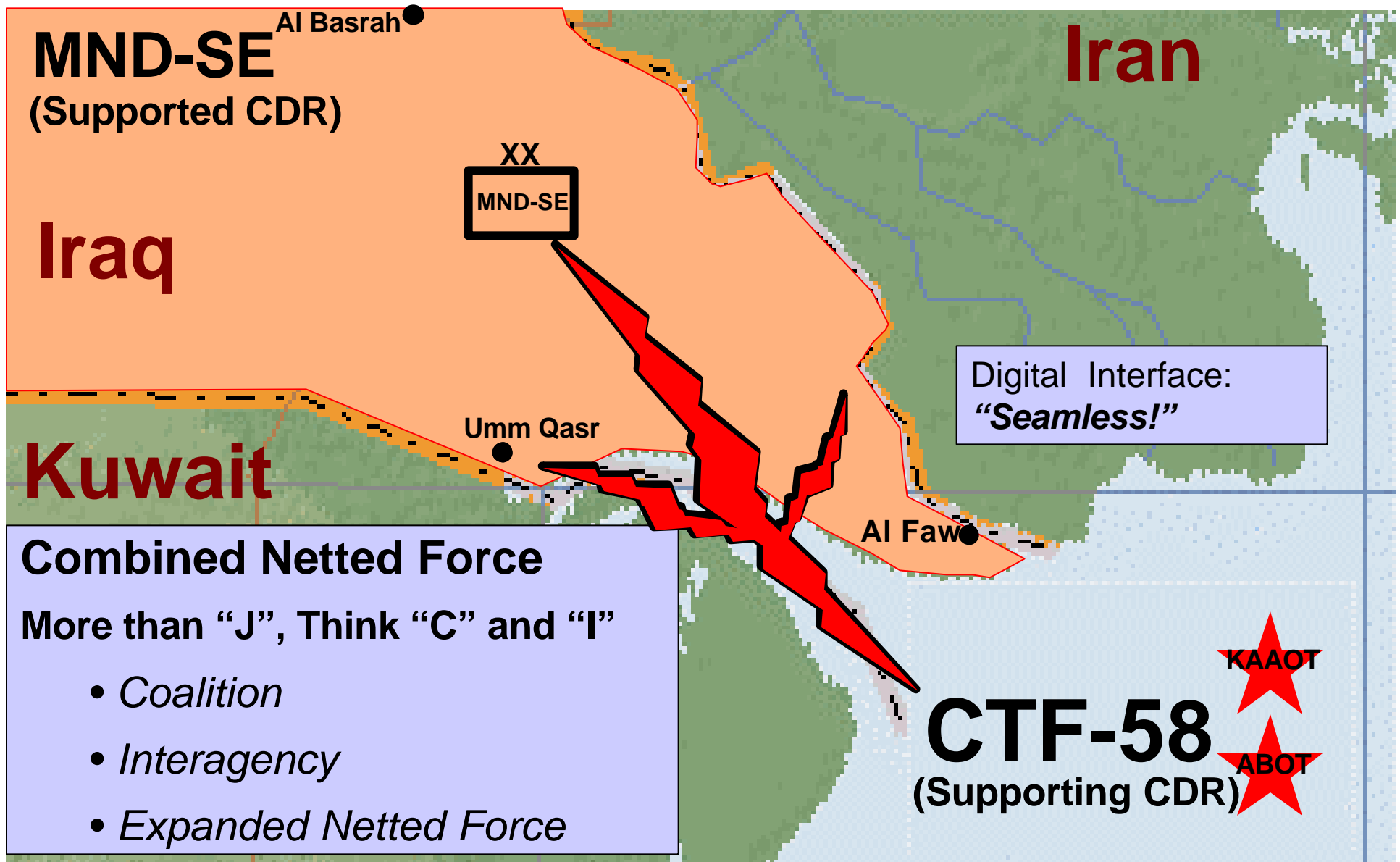
Land – Sea Interface:  
**“Seamless!”**

**CTF-58**  
(Supporting CDR)

KAAOT  
ABOT



# CLOSING THE SEAMS



**MND-SE**  
(Supported CDR)

Al Basrah

**Iran**

**Iraq**

XX

MND-SE

Digital Interface:  
"Seamless!"

**Kuwait**

Umm Qasr

Al Faw

**Combined Netted Force**  
More than "J", Think "C" and "I"

- *Coalition*
- *Interagency*
- *Expanded Netted Force*

**CTF-58**  
(Supporting CDR)

KAAOT

ABOT



# KEY POINTS

- **Witness to a generational leap in warfighting capabilities**
  - Enabled by FORCENet
- **Effective C2 architecture within the Strike Group**
  - Saw the “Netted Force” in action
- **Learned to close geographic seams but operational employment identified “Network Seams”**
  - Between DoD and non-DoD “forces”
  - Between operational and tactical players
- **Industry Challenge: develop the technological solutions to provide seamless horizontal integration across multiple security domains in a dynamic environment**

# **ESG-5...**

## **Serving Our Nation!**



